

NOVEL GLUTAMATE TRANSPORTERS

ABSTRACT OF THE DISCLOSURE

[0285] This invention pertains to the identification of a novel class of glutamate transporters. In particular, this invention pertains to the discovery that proteins originally considered to perform an entirely different function (BNPI, DNPI, *etc.*), in fact, transport glutamate into synaptic vesicles. Designated VGLUT glutamate transporters, the transporters provide good targets with which to screen for modulators of glutamate uptake into synaptic vesicles.

10

15

20

file: C:\TOMS DOCS\APPLICATIONS\APPS_QUINELAW305T UCSF305T-932610PC GLUTAMATE TRANSPORT305T-923610US
GLUTAMATE.APP.DOC